

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors	PO ID	PO34234	Receipt Dates from 11/14/2016 to 11/14/2016

Total Received Quantity:	12.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$446.60
Total Balance Due Quantity:	0.0000

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 17428
 Ship Date 11Nov16 at 14:03 From PFW
 Probill
 Via O/T
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-986488- 1 Your PO # 34234
 ALUMINUM FLT BAR ECONOPLT 6061-T6511
 1.00" X 16.00" X 144.0000"

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
21969471	588828	12 FT	1	232
TOTAL:		Tags 1	PCS 1	LBS 232

Heat Number 21969471 *** Chemical Analysis ***

SHIP WITH / ADD ON TO 986359 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

TOTAL 1 BDL GW. 265 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 17428
Ship Date 11Nov16 at 14:03 From PFW
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Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

=====

B I L L O F L A D I N G

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



Sapa Industrial Extrusions
53 FORTSMITH STREET
CRENSHAW, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

COPPER & BRASS SALES INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 5116

SOUTHFIELD, MI - 48086

Ship To Customer

COPPER & BRASS SALES INC
8001 THYSSENKRUPP PARKWAY

NORTHWOOD, OH - 43619

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100848746	5	5400244330-50	SAPAI107350	1 of 2
			Cert Creation Date	Cert Print Date
			20-DEC-14	20-DEC-14

Quantity Shipped	Date Shipped	Item Description	Specification
4404	1-B	20-DEC-14	ASTM B221 REV 09
B/L	Item No.	Item No.	ASME B221 REV 09
595610	G03226617	1.000 TK x 16.000 W	AMS-QQ-A-200/8 REV 1997 RA 2012
Delivery Id	Item No. Rev	TK TOL +.038/- .000	IS-AUP REV
4614113	---	W TOL +.208/- .000	
Customer Part No.		SECT 515175	
ALRECD1030		1.44 IN LN	
		FIN M-MILL	
		W/F 19.298 F 2 CS 16.1	
		6061/T6511	
		Marking CONTINUOUS;	

Applicable Specifications, Revisions and Exceptions

ACC-U-PLATE

Acc-U-Plate(TM) product greater than 0.375" thick in 6061 T6/T6511 alloy temper meets 6061-T651 tensile strength, yield strength, and elongation minimums of rolled plate produced per AMS-QQ-A-250/11 and ASTM B 209.

COMPOSITION NOTE: The values for "Others Each" and "Others Total" have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

William T. Martin, III

William Martin III

Tech/Quality Manager

20-DEC-14

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Gross Weight	Net Weight
G12-PKG2366429	21969471	3	PCS	701	695
G12-PKG2366430	21969471	3	PCS	701	695
G12-PKG2366434	21969471	3	PCS	701	695
G12-PKG2366435	21969471	3	PCS	701	695
G12-PKG2366700	21969471	7	PCS	1630	1624

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

CstAr

Wgt.: 232 LB

Del.: 2404871713

CstOr 279173

Date 11/09/2016

Thomas Sanchez



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number		Line No.		Customer P/O		Cert Number		Page	
1100848746		5		5400244330-50		SAPAI107350		2 of 2	
Cert Creation Date		Cert Creation Date		Cert Print Date		Cert Creation Date		Cert Print Date	
20-DEC-14		20-DEC-14		20-DEC-14		20-DEC-14		20-DEC-14	

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25
Alloy	Ti		Others Each		Others Total									
	Min	Max	Min	Max	Min	Max								
6061	---	0.15	---	0.05	---	0.15								

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4034543	0.67	0.22	0.22	0.04	0.89	0.05	0.02	0.02	---	---

Mechanical Property - Test Limits

Test Type	Test Type	UTS - L		TYS - L		EL 4D-Long		
		UOM	KSI	UOM	KSI	PCT		
Test Temper	Lot Number	# of Tests	MIN Value		MAX Value		MIN Value	
			--		--			
T6S11S8	21069471	2	44.6	44.8	42.7	42.8	14.3	15.9

Cert Notes

Products manufactured with a T6S11 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method.
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.
In accordance with EN 10204 Inspection Certificate Type 3.1
Melted in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)
Manufactured in the United States

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

CstAr

Wgt.: 232 LB

Del.: 2404871713

CstOr 279173

Date 11/09/2016

Thomas Savary

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T631.00X16.00
 DATE: 16-11-14

PO / BATCH NO.: M136113 / P034234

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: 0

THICKNESS ORDERED: _____
 THICKNESS RECEIVED: _____
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	ASTM B211
CORRECT REF # TO LINK CERT	Y	N	21969471
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>9</u> DATE: <u>16-11-14</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34234**

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 1 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

NOV 08 2016

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B1.000X16.000	6061-T6 Bar 1.00 x 16.00	11/18/2016 Yes 11/18/2016		12.00 f	\$49.91	\$598.90
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							
DAS 26 9-89							
NOV 14 2016							
Line Total:							\$598.90
2	M6061T6B1.000X06.000	6061T6 BAR 1.00 X 6.00	11/14/2016 Yes 11/14/2016		12.00 f	\$15.41	\$184.90
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							
Line Total:							\$184.90

Note:

11/8/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34234

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 2 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

3	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	11/14/2016	12.00	\$8.25	\$99.00
			Yes	f		
			11/14/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$99.00

4	M6061T6B2.750X03.750	6061-T6 BAR 2.75 X 3.75	11/14/2016	12.00	\$30.46	\$365.50
			Yes	f		
			11/14/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: 6061-T6 BAR 3" X 4" ACCEPTABLE AS PER JEAN-LUC

NOV 11 2016

Line Total: \$365.50

Note:

11/8/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34234**

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 3 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

5	71401-45	PROCUREMENT QUALITY CLAUSES	11/14/2016	1.00	\$0.00	\$0.00
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No

11/14/2016

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Line Total: \$0.00

PO Total: \$1,248.30

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 11/8/2016